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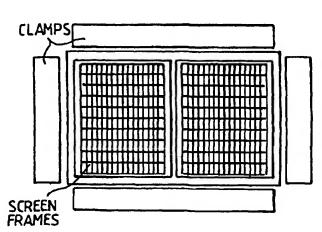
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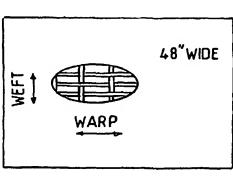
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[Continued on next page]

(54) Title: FILTERING SCREEN





(57) Abstract: A screen is described for use in a vibrating machine for separating solids from liquid material, comprising woven wire cloth of orthogonal warp and weft wires, tensioned and bonded to a support structure defining at least one rectangular opening across which the cloth extends. The orientation of the cloth is chosen so that the warp wires extend across the width (i.e. shorter dimension) of the or each opening. A method of manufacturing two screens side by side in a jig involves laying a length of woven wire cloth across two rectangular frames laid side by side in the jig with longer edges thereof abutting, and orientating the cloth so that the warp wires extend continuously across the two screens. The cloth is bonded to the frames after which it is severed along the join and surplus cloth is trimmed away from the edges of the frame. If the cloth has a square mesh and the warp wires are of greater cross section than the weft wires, the warp wires will extend across the width of the frame, and if the cloth has a rectangular mesh, the greater number of warp wires per unit length will also extend across the width of the frame, so that in each case warp wires will resist in use the stresses across the width of the central region of the or each opening.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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A CLASSIF IPC 7	RECATION OF SUBJECT MATTER B07B1/46				
According to	International Patent Classification (IPC) or to both national classification	on and IPC			
B. FIELDS					
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Electronic da	ata base consulted during the international search (name of data base	and, where practical, search terms	used)		
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C. DOCUME	NTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relev	ant passages	Relevant to claim No.		
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	page 6, paragraph 64 page 5, paragraph 68 figures 4A,5A,9-13				
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X Furt	X Further documents are listed in the continuation of box C. X Patent family members are listed in annex.				
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	actual completion of the international search 30 July 2004	Date of mailing of the internation 0.8. 11	·		
Name and	mailing address of the ISA	Authorized officer			
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Militzer, E			





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Category °	tition) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
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Form PCT/ISA/210 (continuation of second sheet) (January 2004)





International application No. PCT/GB2004/001527

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not Invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-14
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

International Application No. PCT/ GB2004/001527

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-14

an integral screen wherein the warp wires extend across the width and the weft wires extend across the length of the rectangular opening and method of making the same.

2. claims: 15-17

a hook-strip screen wherein the attachment edges are parallel to the weft wires and the warp wires extend between the edges.





Information on patent family members

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